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1904/05

BULLETIN OF  
**PACIFIC UNIVERSITY**

VOLUME IV

FOREST GROVE, OREGON, JUNE, 1905

NUMBER ONE

THE LIBRARY  
OF THE  
UNIVERSITY OF ILLINOIS

# REGISTER

FOR

1904-1905



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six weeks during the college year.

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class matter.

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REGISTER

OF

TUALATIN ACADEMY

AND

PACIFIC UNIVERSITY

1904-1905

WITH ANNOUNCEMENTS FOR

1905-1906

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FOREST GROVE, OREGON

# SCHOOL-YEAR CALENDAR

## 1905

### SEPTEMBER.

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

### NOVEMBER.

..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	..	..
..	..	..	..	..	..	..

### OCTOBER.

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..

### DECEMBER.

..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

## 1906

### JANUARY.

..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..

### MARCH.

..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

### MAY.

..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..

### FEBRUARY.

..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	..	..	..

### APRIL.

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	..	..	..	..	..

### JUNE.

..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

## CALENDAR.

1905.

Sept. 20	Wednesday	.....	Fall Term begins at 10 A. M.
Sept. 22	Friday	.....	College Reception.
Oct. 18	Wednesday	.....	Founders' Day.
Nov. 23	Thursday	.....	} Thanksgiving Recess.
Nov. 24	Friday	.....	
Dec. 22	Friday	.....	The Fall Term ends.
Dec. 23	Saturday	.....	} Christmas Recess.
Jan. 2	Tuesday		

1906.

Jan. 3	Wednesday	.....	Winter Term begins at 10 A. M.
Jan. 5	Friday	.....	College Reception.
Feb. 11	Sunday	.....	Day of Prayer for Colleges.
Feb. 22	Thursday	.....	Washington's Birthday and Tree Planting Exercises.
Mch. 23	Friday	.....	The Winter Term ends.
Mch. 24	Saturday	.....	} Spring Recess.
Mch. 27	Tuesday	.....	
Mch. 28	Wednesday	.....	Spring Term begins at 10 A. M.
Mch. 30	Friday	.....	College Reception.
Apr. 23	Monday	.....	Field Day.
May 30	Wednesday	.....	Memorial Day.
June 15	Friday	.....	Junior Exhibition.
June 16	Saturday	.....	Anniversary of the Conserva- tory of Music.
June 17	Sunday	.....	Baccalaureate Sermon. Address before the College Christian Associations.
June 18	Monday	.....	Address before the Literary So- cieties.
June 19	Tuesday	.....	Closing Exercises of Tualatin Academy. Anniversary of the Alumni.
June 20	Wednesday	.....	Commencement Exercises.
Sept. 19	Wednesday	.....	Fall Term begins at 10 A. M.

## TRUSTEES.

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PRES. WILLIAM N. FERRIN, ex-officio, Forest Grove.

Term expires.

REV. ELWIN L. HOUSE, D. D., Portland.....	1905
REV. CEPHAS F. CLAPP, Forest Grove.....	1905
L. H. ANDREWS, Oregon City .....	1906
STEPHEN A. LOWELL, Pendleton .....	1906
HON. ALANSON HINMAN, Forest Grove.....	1907
FRANK M. WARREN, Portland .....	1907
HARVEY W. SCOTT, Portland .....	1907
MILTON W. SMITH, Portland.....	1908
NEWTON McCOY, Portland.....	1908
NAPOLEON DAVIS, Portland .....	1909
REV. MYRON EELLS, D. D., Twana, Washington....	1909
HON. H. H. NORTHUP, Portland.....	1910
HON. BENTON KILLIN, Portland.....	1910

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## OFFICERS OF THE BOARD.

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HON. A. HINMAN .....	President
NAPOLEON DAVIS .....	Secretary
REV. MYRON EELLS, D. D. ....	Assistant Secretary
F. M. WARREN .....	Treasurer
R. H. BLOSSOM .....	Assistant Treasurer
C. E. BRADLEY .....	Financial Secretary

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## FINANCE COMMITTEE.

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FRANK M. WARREN, Chairman,  
MILTON W. SMITH, Secretary,  
HON. BENTON KILLIN,  
NAPOLEON DAVIS,  
PRES. W. N. FERRIN

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## COMMITTEE ON TEACHERS.

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PRES. W. N. FERRIN,  
MILTON W. SMITH,  
NAPOLEON DAVIS.



## FACULTY AND OFFICERS.\*

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WILLIAM NELSON FERRIN,

A. B., University of Vermont, 1875; A. M., 1878. LL. D.,  
University of Vermont, 1902.

*President and Vermont Professor of Mathematics.*

JOSEPH WALKER MARSH,

A. B., University of Vermont, 1857; A. M., 1860. A. M.,  
Bishop's College, Canada. Ph. D.,  
T. A. and P. U., 1883.

*Professor of Greek and Latin and Instructor in Logic.*

JAMES ROOD ROBERTSON,

A. B., Beloit College, 1886; A. M., University of Michigan,  
1891; University of Chicago, 1895.

*Professor of History and Political Science.*

REV. HENRY LIBERTY BATES,

A. B., Oberlin, 1876; A. M., 1880. B. D., Oberlin Theological  
Seminary, 1881.

*Principal of the Academy and Acting Professor of  
Mental and Moral Science.*

MARY FRANCES FARNHAM,

Graduate of Mt. Holyoke and Student at Radcliffe.

*Dean of Women and Professor of English Language  
and Literature.*

CHARLES EDWARD BRADLEY,

B. S., Pacific University, 1897; M. S., 1900. Student Chicago  
University, 1901.

*Professor of Chemistry.*

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\* The Faculty is arranged in the order of appointment,  
except the President.

## FORMER PRESIDENTS.

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SIDNEY HARPER MARSH, D. D. ....	1854-1879
JOHN R. HERRICK, S. T. D. ....	1880-1883
JACOB FRANK ELLIS, D. D. ....	1883-1891
THOMAS McCLELLAND, D. D. ....	1891-1900

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## STANDING COMMITTEES.

For 1905 and 1906.

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LIBRARY AND READING ROOM,  
Professors Marsh, Bates and Robertson.

ATHLETICS,  
Professor Bradley, Principal Bates, Professor Coghill, Messrs.  
C. K. Fletcher, Wirtz, Peterson, Ward,  
Mason and Huston.

CLASSIFICATION OF STUDENTS.  
Professors Robertson, Farnham and Bradley.

COURSES OF STUDY.  
Professors Marsh, Bates, Robertson, Bach and Coghill.

LECTURES.  
President Ferrin, Professor Farnham and Mr. Woods.

SCHEDULE OF RECITATIONS.  
Professors Robertson and Bates.

STUDENT PUBLICATIONS.  
Professors Coghill, Farnham, Bach and Mr. Woods.

DISCIPLINE.  
Professors Ferrin, Bates, Farnham, Bradley and Robertson.  
STUDENTS' ORATORICAL AND DEBATING CON-  
TESTS.

President Ferrin, Principal Bates, Mr. Woods, Messrs.  
Prideaux, Thomas, Bump, Rasmussen, and  
Misses Ferrin and White.



## GENERAL INFORMATION.

### HISTORY.

Pacific University owes its origin to missionary activity. In 1842 Rev. Harvey Clark came to Oregon as an independent missionary to the Indians, and located at West Tualatin, now Forest Grove. The idea of an institution of learning early took possession of his mind, and was partially realized in the establishment of a school near the site of the present college building, under the patronage of Mr. Clark and the direction of Mrs. Tabitha Brown.

In 1848 Rev. George H. Atkinson, D. D., came to Oregon as the representative of the American Missionary Society for the Northwest. Being urged, upon his departure for the West, by Rev. Theron Baldwin, Secretary of the American College and Education Society, to build in Oregon "an academy which should grow into a college," he cherished the idea, and upon his arrival early sought to carry it into effect.

In the accomplishment of this purpose he was most heartily supported by Mr. Clark. Acting together, they called a meeting of the Congregational and Presbyterian churches at Oregon City, on September 4, 1848. At this meeting it was decided to establish an academy with collegiate powers, and a Board of Trustees was chosen. On September 29, 1849, "a seminary of learning for the instruction of both sexes in science and literature, to be called Tualatin Academy," from the Indian name of the river and plain, was incorporated. Mr. Clark was first President of the Board of Trustees, in which capacity he served until his death, and Dr. Atkinson was elected first Secretary, a position which he held for forty years. Hon. A. Hinman, of Forest Grove, President of the Board of Trustees, is the only member of the original Board of

Trustees serving today. The late Hon. Henry Failing acted as a member of the Board and Treasurer from 1870 until his death. The late Henry W. Corbett was Trustee from 1858 until his death in 1903, and served as Treasurer from 1861 to 1865.

Through the gift of Mr. Clark and others a campus was secured and land for the site of a village as the basis of an endowment. An old log schoolhouse served the purpose for recitations until the first building was begun in 1850. In 1852 Dr. Atkinson made a journey East in the interest of the institution and secured the endorsement of the American College and Education Society.

The services of a teacher were guaranteed by the Education Society, and Rev. S. H. Marsh, a student in Union Theological Seminary, was secured. Coming from a prominent line of educators in Vermont University, he brought to his work high standards, and upon his arrival the scope of the work was enlarged. In January, 1854, new articles of incorporation were granted, and a collegiate department called Pacific University was added to Tualatin Academy.

Through three successive efforts of Dr. Marsh the endowment was increased. The following names taken from a list of early contributors are an indication of the patronage through which the institution was established: S. F. B. Morse, inventor of the telegraph, and S. E. Morse, his brother; William E. Dodge, Ezra Farnsworth, Henry Ward Beecher, Timothy Dwight, D. W. James, Vice-President of American Board; Frederick and Mrs. Billings, A. S. Hatch, Edward Everett, S. D. Warren, Dr. E. N. Kirk, David Whitcomb, John Tappan, A. S. Barnes, P. L. Moen, C. P. Huntington.

The necessity of a faculty for the collegiate department soon became apparent, and among those who came at various times as associates to Dr. Marsh were Rev. Horace Lyman, E. A. Tanner, late President of Illinois

College; G. H. Collier, Joseph W. Marsh, A. J. Anderson, ex-President of Washington University and Whitman College; Thomas Condon, of the Oregon State University; W. N. Ferrin and W. D. Lyman.

On the death of Dr. Marsh in 1879, Rev. John R. Herrick was chosen President, and the building now bearing his name was constructed as a dormitory for young women, during his administration. In 1883, Rev. J. F. Ellis, D. D., was elected President, and in 1891 Rev. Thos. McClelland, D. D. Since 1891 the college building bearing the name of Marsh Hall has been erected, the number of the faculty increased, the scope of the work enlarged and the endowment increased by the gift of \$50,000 from Dr. D. K. Pearsons, and \$100,000 from Dr. E. H. Williams, J. H. Converse, H. W. Corbett, Henry Failing and a large number of others. At the Annual meeting of the Board of Trustees in June, 1903, William N. Ferrin, who had served as Acting President for three years, was elected President.

### AIMS.

Tualatin Academy and Pacific University was founded in order to make it possible for the young people of the Pacific Northwest to obtain a thorough education under Christian influences. As it is not entirely dependent for its support upon the tuition paid by its students, and consequently the mere number of students in attendance is not regarded as all-important, the Faculty is able to maintain thorough standards of scholarship in all grades of study.

### LOCATION.

The College is located at Forest Grove, Oregon, a beautiful and growing town of 1,700 inhabitants. It is situated on the Southern Pacific Railroad, West Side, twenty-six miles from Portland, and is easily reached by two trains daily from either direction.

The College has been the chief factor in building up the town. No drinking saloons are permitted. Its beautiful location, healthful climate and well-deserved reputation for general good order make Forest Grove a suitable home for students.

### BUILDINGS.

The buildings are situated on a campus of thirty acres, covered in part with a growth of native oaks and spruce, and commanding a fine view of the surrounding mountains.

**MARSH MEMORIAL HALL.** This building, raised in commemoration of ex-President Sidney Harper Marsh, is constructed of brick with stone trimmings. The dimensions are 142x70 feet. There are thirteen recitation rooms, a reception room, office, literary society and Christian Association rooms, art room and library. There is also a commodious chapel, which, when thrown open into the adjoining rooms, will seat 800 people. The building is well lighted and ventilated, and is heated throughout by hot water.

**THE SCIENCE HALL.** The Science Hall, which is the original college building, affords a lecture room and separate laboratories for chemistry, biology and physics.

**HERRICK HALL.** This four-story building, conveniently arranged, furnishes excellent accommodations for young women to room and board, and also affords table board for a number of young men.

The different floors are supplied with water, and a bath room with hot and cold water is provided. The laundry in the basement furnishes young women, who so choose, an opportunity to do their own washing. The upper floors are provided with fire escapes.

Each suite of rooms, consisting of study and sleeping room with large closet, is intended for two occupants. The

rooms are heated, and furnished with carpet, study table, stand, mirrors, chairs, woven-wire bed with mattress, electric lights, and toilet set. Occupants will be expected to provide themselves with towels, napkins, pillows, and other necessary bedding.

The hall is conducted so as to afford a well-regulated Christian home for young women coming from out of town.

**ACADEMY BUILDING.** This building is used for recitation and study rooms for the first two Academy classes.

**MEN'S DORMITORY.** Young men may obtain rooms at the men's Dormitory. These rooms are supplied with woven-wire bed, washstand, table, chairs and stove. Occupants are expected to provide all other necessary furnishings, including mattress and bedding. The rates for the present year will be found under the head of "expenses."

**GYMNASIUM.** The gymnasium affords opportunity for athletic exercises, and is open to students under proper restrictions.

**LIBRARY.** Mr. Andrew Carnegie has offered the College \$20,000 for a new library building on condition that another \$20,000 be raised for maintenance and it is expected that it will soon be secured.

### APPARATUS AND COLLECTIONS.

The laboratories of chemistry, physics and biology have the usual equipment for laboratory work in these sciences as well as some apparatus of a more special character, and are well furnished with gas and electricity.

The Mathematical Department is supplied with a valuable set of engineering instruments. Through the kindness of friends at the East a fine stereopticon has been provided for the use of the institution.

A good series of specimens, partly from Europe, illustrates the origin of the various kinds of rock. A fair collection of fossils serves to show the sequence of geological times and their fauna and flora. An excellent series



of ores and other minerals is also accessible to the students for investigation.

An herbarium of over 2,000 species (mostly from this region), belonging to the College, constitutes the collection of plants accessible for study.

The Oregon World's Fair exhibit of native plants, consisting of 480 species, has been deposited in the College Museum.

A station of the State Weather Bureau is established at the University, and students have an opportunity to become familiar with the use of the standard instruments of the Government Signal Service. Daily readings of the various instruments are taken under the direction of a member of the Faculty, and a complete record is kept. The weather forecasts, issued by the Government, are received daily and displayed by the University.

Contributions to the Library and Museum are solicited, and may be sent to any member of the Faculty.

### LIBRARY AND READING ROOM.

The College Library now numbers about 13,500 volumes, and is open to all students daily. These volumes are classified for ready reference, and in some of the more important departments of knowledge the Library is quite well supplied. During the year 1904-05 over 700 volumes have been added, by gift, purchase and binding.

The Library is a public depository of Government publications, which are available for reference to the public free of charge. The general library may be used by alumni of the College for a fee of \$3.00 per year and by others for \$5.00 per year.

The Reading Room, which is supplied with a well-selected list of leading magazines and periodicals, including religious and secular newspapers of different denominations and parties, is open to all students.



### LECTURES AND ADDRESSES.

September 21, 1904, "Opening Day," Prof. J. R. Robertson; October 28, "Building a Life," Prof. P. W. Search; November . ., "Folk Songs of the Nation," W. Waugh Lauder; December 14, "With the Regulars in the Tropics," Chaplain S. J. Smith; January 3, 1905, "The Inner Gift," Rev. H. W. Boyd; January 18, "Views from Argolis and Attica." Principal J. R. Wilson; February 15, "Forest Wealth of Oregon," Edmund P. Sheldon; February 22, "Washington as a Type of American Citizen," Rev. E. Nelson Allen.

### SOCIAL UNION.

The Social Union is an organization maintained by the members of the faculty, college students and resident alumni for social purposes. At least three meetings a year are held, at which a paper is presented and followed by informal discussion. Since the organization of the Union a year and a half ago the following papers have been presented: "Report of the Boston Meeting of the National Education Association," by Professor Mary F. Farnham; "Algebra and Geometry in Nature," by President W. N. Ferrin; "Method of Expression from the Standpoint of the Nervous System," by Dr. George E. Coghill; "Public Libraries and Their Value to the Community," by Miss Frances Isom; "Myths and Mysteries," by Professor Joseph W. Marsh.

### LITERARY SOCIETIES.

There are three student societies in the institution—the Gamma Sigma and Alpha Zeta for men, and the Philomathean for women. Membership in them is voluntary. They meet weekly and are the means of developing and fostering literary excellence. Essays, orations and discussions are presented, and a familiarity with parlia-

mentary rules is gained. Suitable rooms have been provided for the societies in Marsh Memorial Hall. Students participate in oratorical contests and inter-collegiate debates.

### PHYSICAL TRAINING.

The gymnasium will be thrown open free to all students during certain hours daily. Exercise in the open air and athletic sports are encouraged, and spacious grounds on the College campus afford excellent opportunities for this kind of physical culture. A well-equipped bowling alley is maintained in the basement of Marsh Hall. A four-lap running track is located on the College athletic field. Athletics is under the charge of a committee consisting of three members of the Faculty and six from the Student Body. Gymnasium facilities have been open to young women and basket-ball teams maintained during the past year.

### REGULATIONS.

The institution does not desire the attendance of any students who are not industrious and well-disposed, or who are too wayward for home restraint. To such as are earnest it affords the advantages of a quiet and orderly community with all the opportunities of study and mental development afforded by an institution on a firm foundation. A careful record of attendance, deportment and scholarship is kept, and reports are sent to the parents of all minor students at the end of each term. Any who are idle or listless, or whose influence is bad, are not allowed to remain in the school.

The immediate control in all matters pertaining to the conduct of students is in the hands of the Faculty. It is their desire to lay no unnecessary restrictions upon any. Students are presumed to have regard for the general rule of good manners and good morals; they are expected

to be orderly, faithful, respectful and honest, and to render a cheerful compliance with such regulations and requirements as the Faculty may, from time to time, find it necessary to make.

Non-resident students in special departments are subject to the general rules of the institution.

A detailed pamphlet of regulations will be given to each student upon entrance and furnished to all patrons upon request.

### CLASS STANDING.

In determining the average term standing, the average daily standing will count two-thirds, and the final examination one-third. Every student whose average daily standing in any study is above 95, will be excused from examination in such study at the end of the term.

### WOMEN.

Young women are admitted to all courses of study on equal terms with young men, and so far as they are pursuing the same studies they recite together. All the young women of the institution are under the supervision of the Dean of Women.

### RELIGIOUS EXERCISES.

The institution aims to give its students a thorough education, and it believes that the highest intellectual culture and the greatest moral excellence can be obtained only as they are developed from the principles of Christianity. To this end, some special religious exercises are requisite. Accordingly, all students are required to attend daily prayers at the chapel, and church services on Sunday morning. The churches of the town represent the following denominations: Congregational, Disciples,

Methodist and Free Methodist. Each student attends the church of his choice, but must select and attend some one church regularly. Bible study occupies a place throughout the curriculum.

Branches of the College Young Men's and Young Women's Christian Associations are maintained by the students, and prayer-meetings occur every Tuesday evening, to which all the students are invited. The work of these societies is very helpful in determining the Christian character of the institution. A room in Marsh Hall has been suitably furnished for the use of the Christian societies. A handbook is published each year and may be had by applying to the Presidents of the Associations.

### EXPENSES.

Tuition and other expenses are made as low as possible, so as to bring a thorough education within the reach of all.

Tuition must be paid in advance each term, and charges for rooms and board in College buildings in advance at the beginning of each half-term, to the Financial Secretary.

College Tuition, per term.....	\$15.00
Academy Tuition, per term.....	10.00

Each student pays an incidental fee of two dollars per term, to be used for library, reading room and athletics.

A fee of fifty cents, to be paid to the Financial Secretary, will be charged for any special or extra examinations, and a receipt therefor must be presented at time of examination.

Laboratory fees in chemistry are:

Course 1, per term.....	\$2.00
Course 2, a half year.....	5.00
Course 3, a half year.....	5.00

The fees in Elective Courses will be adjusted according to credits earned. Breakage is to be paid for in addition.

For college studies in the Department of Biology there is a fee of \$1.50 per term for each course consisting of four hours per week or \$2.00 for each course of six hours.

The charge for one study (five hours per week) is one-half the regular rate of tuition. For more than one study, full rates are charged.

No money paid in for tuition is refunded to students who leave before the close of the term, except in cases in which they are excused before the middle of the term on account of their own sickness, in which event the tuition for the latter half of the term will be paid back.

Each student is required to exhibit to his various instructors, during the first week of each term, the Treasurer's receipt for his term bills, or a certificate showing that satisfactory adjustment of them has been made.

It is estimated that the average necessary expenses for a college year range from a minimum of \$150 to a maximum of \$300.

### BOARD AND ROOM.

**HERRICK HALL.** The price of room rent and board, including heat and light, is, for the present, from \$3.25 to \$4.25 per week for each occupant, according to the location and furnishing of rooms. Table board for young men, \$2.75.

**MEN'S DORMITORY.** The price of room rent is 20 cents per week for each occupant, exclusive of lights and fuel. The rooms are arranged for two occupants. Good board may be obtained on the club plan at actual cost, which



during past years has averaged about \$2.00 per week.

Rooms and board may be obtained in private families in the town.

### STUDENTS' AID.

The College desires to encourage self-supporting students, and such are enrolled every year. Assistance is rendered students in obtaining employment in the town, and those who desire to aid themselves in this way can generally find the opportunity. As a rule, no capable young man or woman possessed of good health and a determination to secure a college education need fail in the attempt.

Through a bequest of \$10,000 by Mr. Charles Atkinson, of Moline, Ill., the Atkinson Scholarship Fund has been established. There is also a Benedict Scholarship Fund of over \$2,000. The income received from these funds is applied to assist worthy students whose circumstances require it. Any one who indulges in the use of tobacco or has any other expensive habit will be debarred from such aid. Application for aid must be made each term to the President. Sons and daughters of missionaries in actual service are admitted upon payment of one half tuition.

The educational societies assist those in College who are preparing for the Christian ministry.

### SCHOLARSHIPS.

A scholarship, consisting of tuition for one year, will be given to the student attaining the highest rank in the graduating class in any of the schools in the accredited list.

### CORPORATE NAME.

The corporate name of this institution is "The President and Trustees of Tualatin Academy and Pacific University."



## THE COLLEGE.

### TERMS OF ADMISSION.

Candidates for admission must be at least fifteen years of age. A proportionate increase in age is required to enter advanced classes.

The course given in Tualatin Academy or its equivalent is required for entrance to College. For further information, see pp. 44-54.

### ACCREDITED SCHOOLS.

Graduates of any schools having a course of study equivalent to that of Tualatin Academy and which has been approved by the Faculty, after personal visitation or examination of the course of study, will, when recommended by the principal of the school for admission to any college course, be admitted without examination. Schools may be accredited for partial fitting, and students will be required to pass examinations only in such subjects as are not credited in the entrance requirements.

The following schools have been placed upon the accredited list for full or partial credit:

Portland Academy, Portland High School, Astoria High School, Tacoma High School, Puget Sound Academy, Weiser Academy, Pendleton High School, Pendleton Academy, Heppner High School, Oregon City High School, Vancouver High School, The Dalles High School, La Grande High School, Roseburg High School, Baker City High School.

Schools which desire to have their pupils thus admitted are requested to send to the Secretary of the Faculty their courses of study.

If the preparation of the student who is admitted by certificate is found to be wanting in thoroughness, the privilege of sending students in this manner may be withdrawn from the school that has certified his preparation.

## DEGREES.

### BACHELOR OF ARTS.

The degree of Bachelor of Arts will be conferred on those who complete any of the following groups of study: Classical, Greek Philosophical, Latin Mathematical, Chemical Biological, Literature, Historical Political and Literature No. 2.

The fee for diploma is \$5.00, payable in advance.

### MASTER OF ARTS.

The Master's Degree in course may be conferred upon the following classes of students:

1. Graduates of this or any approved institution of learning of equal rank, who have received the corresponding Bachelor's Degree, and who have taken one year's approved resident graduate study, equal in amount to a full year in college—pursued in at least two departments—and who have passed a satisfactory examination in each subject and presented a satisfactory thesis.

2. Graduates of this University who have completed a course of at least two years' professional study at an approved institution of learning and have presented a satisfactory thesis.

3. Graduates of this University who have completed two years of non-resident graduate study, other than professional in at least two branches, under the direction of the Faculty, and who have passed an examination in each subject and presented a satisfactory thesis.

4. Graduates of this University who, after graduation have spent three years in successfully teaching the higher branches in a classical or scientific institution of approved standing, and have furnished satisfactory evidence of special work in some line of advanced or professional study and who have presented a satisfactory thesis.

The fee for diploma is \$5.00, and in case of resident study, the tuition shall be the same as that required of undergraduates.

### **SPECIAL STUDENTS.**

In the arrangement of the courses the established fact is recognized that fixed schemes of study must be maintained in the interest of higher education, and students are strongly advised and encouraged to enter the regular courses.

All the privileges of the University, however, are open to students pursuing partial courses, as far as they are prepared to take advantage of them. Such special students in any course or department, not candidates for a degree, will be entitled to certificates of proficiency in the branches of study pursued.

## OUTLINE OF COLLEGE COURSES.

GROUP I.				GROUP II.			
CLASSICAL.				LATIN MATHEMATICAL.			
<b>Freshman Year.</b>	F	W	S	<b>Freshman Year.</b>	F	W	S
Latin, I and II,	5	5		Latin, I, II and III,	5	5	5
Greek, I,			5	Mathematics, I, II			
Mathematics, I & II,	5	5		and III,	5	5	5
Literature, I	2	2	2	Chemistry, I, or Biol-			
History, I-II, or III,	3	3	3	ogy, I, II, III,	3	3	3
Elective,			5	Literature, I,	2	2	2
Bible Study,	1	1	1	Bible Study,	1	1	1
<b>Sophomore Year.</b>	F	W	S	<b>Sophomore Year.</b>	F	W	S
Greek, II, III, IV,	5	5	5	Latin, VI,			3
Latin, IV and III,		3	5	Mathematics, IV, V,	5	5	5
Themes,	2	2	2	Chemistry,	3	3	
Chemistry, I, or Biol-				Themes,	2	2	2
ogy, I, II and III,	3	6	3	Modern Languages,	5	5	5
Mathematics, IV, or				Bible Study,	1	1	1
Elective,	5						
Bible Study,	1	1	1				
<b>Junior Year.</b>	F	W	S	<b>Junior Year.</b>	F	W	S
Latin, V and VI,		3	3	Latin, IV and V,		6	
Greek, V,	4			Astronomy,			5
Modern Languages,	5	5	5	Modern Languages,	4	4	4
Economics,	3	3		History, I-II, or III,	3	3	3
Public Speaking,	2	2	2	Public Speaking,	2	2	2
Electives,		2	5	Electives,	6		1
Bible Study,	1	1	1	Bible Study,	1	1	1
<b>Senior Year.</b>	F	W	S	<b>Senior Year.</b>	F	W	S
Psychology,	3	3		Psychology,	3	3	
Logic,	4			Logic,	4		
Evidences,		4		Evidences,		4	
Ethics,			5	Ethics,			5
Electives,	7	7	9	Electives,	7	7	9
Rhetoricals,	1	1	1	Rhetoricals,	1	1	1
Bible Study,	1	1	1	Bible Study,	1	1	1

## OUTLINE OF COLLEGE COURSES—Continued.

GROUP III.				GROUP IV.			
GREEK PHILOSOPHICAL				CHEMICAL BIOLOGICAL			
Freshman Year.	F	W	S	Freshman Year.	F	W	S
Latin, I, II and III,	5	5	5	Chemistry, I, or Biology, I, II, III,	3	3	3
Greek, I,			5	Mathematics, I and II,	5	5	
Mathematics, I and II,	5	5		Modern Languages,	5	5	5
Modern Languages,	5	5	5	Themes,	2	2	2
Bible Study,	1	1	1	Literature, II,			5
				Bible Study,	1	1	1
Sophomore Year.	F	W	S	Sophomore Year.	F	W	S
Greek, II, III, IV,	5	5	5	Chemistry, I, or II and III,	3	3	3
History, I-II, or III,	3	3	3	Biology, I, II, III, or IV, V, VI,	3	3	3
Literature, I,	2	2	2	Mathematics, IV,	5		
Themes,	2	2	2	Modern Languages,	4	4	4
Chemistry, I, or Biology, I, II, III,	3	3	3	Literature, I,		2	2
Bible Study,	1	1	1	Electives,		3	3
				Bible Study,	1	1	1
Junior Year.	F	W	S	Junior Year.	F	W	S
Greek, V and VII,	4		3	Biology or Chemistry	6	6	6
Latin, IV, V and VI,		6	3	History, I-II, or III,	3	3	3
Logic,	4			Political Science,	2	2	2
Chemistry, I, or Biology, II,	3			Electives,	4	4	4
History, IV,	2	2	2	Bible Study,	1	1	1
Public Speaking,	2	2	2				
Electives,		5	5				
Bible Study,	1	1	1				
Senior Year.	F	W	S	Senior Year.	F	W	S
Psychology,	3	3		Biology or Chemistry	3	3	3
History of Philos.,	5			Psychology,	3	3	
Evidences,		4		Logic,	4		
Ethics,			5	Ethics,			5
Electives,	6	7	9	Geology,			5
Rhetoricals,	1	1	1	Electives,	4	8	1
Bible Study,	1	1	1	Rhetoricals,	1	1	1
				Bible Study,	1	1	1

## OUTLINE OF COLLEGE COURSES.—Continued.

GROUP V.				GROUP VI.			
HISTORICAL-POLITICAL				LITERATURE, I.			
Freshman Year.	F	W	S	Freshman Year.	F	W	S
History, I and II,	3	3	3	Literature, I,	2	2	2
Literature, I,	2	2	2	Literature, II,			5
Mathematics, I & II,	5	5		History, III,	3	3	3
Foreign Languages,	5	5	5	Mathematics, I & II,	5	5	
Elective,			5	Foreign Languages,	5	5	5
Bible Study,	1	1	1	Bible Study,	1	1	1
Sophomore Year.	F	W	S	Sophomore Year.	F	W	S
History, III,	3	3	3	Literature, IV,	3	3	3
Sociology,	2	2	2	Themes,	2	2	2
Themes,	2	2	2	Foreign Languages,	4	4	4
Modern Languages,	4	4	4	Chemistry, I, or Biol-			
Chemistry, I, or Biol-				ogy, I, II, III,	3	3	3
ogy, I, II, III,	3	3	3	Elective,	3	3	3
Public Speaking,	1	1	1	Bible Study,	1	1	1
Bible Study,	1	1	1				
Junior Year.	F	W	S	Junior Year.	F	W	S
History, IV,	2	2	2	Literature, III,	2	2	2
Economics, I and II,	3	3	3	Literature, VI,	3	3	3
Public Speaking,	2	2	2	Aesthetics,	3	3	3
Chemistry or Biology,		3	3	Public Speaking,	2	2	2
Logic,	4			Electives,	5	5	5
Electives,	4	5	5	Bible Study,	1	1	1
Bible Study,	1	1	1				
Senior Year.	F	W	S	Senior Year.	F	W	S
History, V,	2	2	2	Literature, V,	2	2	2
Civics,	2	2	2	Literary Criticism,		2	2
Psychology,	3	3		Sociology,	2	2	2
Ethics,			5	Psychology,	3	3	
International Law,	2	2		Ethics,			5
Electives,	5	5	5	Logic,	4		
Rhetoricals,	1	1	1	Electives,	3	5	3
Bible Study,	1	1	1	Rhetoricals,	1	1	1
				Bible Study,	1	1	1



## OUTLINE OF COLLEGE COURSES.—Continued.

GROUP VII.							
LITERATURE, II.				Junior Year,	F	W	S
Freshman Year.	F	W	S	Literature, III,	2	2	2
Literature, I,	2	2	2	Aesthetics,	3	3	3
Harmony,	2	2	2	Literature, VI,	3	3	3
Piano,	3	3	3	Technique of Compo-			
History, III,	3	3	3	sition, Study of			
Modern Languages,	5	5	5	Form and Counter-			
Public Recital,	1	1	1	point,	2	2	2
Bible Study,	1	1	1	Piano,	3	3	3
				Public Recitals,	2	2	2
				Bible Study,	1	1	1
Sophomore Year,				Senior Year,	F	W	S
Literature, IV,	3	3	3	Literature, V,	2	2	
Themes,	2	2	2	Ethics,			5
Modern Languages,	4	4	4	Psychology,	3	3	
Harmony and Ana-				History of Music,	2	2	2
lysis,	2	2	2	Piano,	3	3	3
Piano,	3	3	3	Electives,	3	3	3
Public Recital,	1	1	1	Public Recitals,	2	2	2
Bible Study,	1	1	1	Bible Study,	1	1	1

Note—Group VII is intended to meet the wants of students who wish to secure the discipline of a full college course and at the same time pursue their study in music. To enter this group students must be sufficiently advanced in music to do the higher grade of work.

### GROUPS.

Students entering the College are allowed the option among seven groups of studies. It is expected that students will choose with care and after consultation with members of the Faculty such group as best meets their purpose in seeking an education. Each group is so constituted that it will give breadth of training and at the same time continuous and thorough training along some special line. Students having made their choice of a group are not allowed to change without a most satisfactory reason and by vote of the Faculty.

For securing a degree 192 credits are necessary, and a credit means one exercise per week in a class, with at least two hours of outside work, for a term. In the Music courses one credit means one lesson per week and one hour daily practice.

Each group allows a certain number of credits for free electives. Students may elect such work as is offered along the line of their group or they may elect any study that is contained in the other groups. When a course runs through a year it must be elected for the year unless the instructor allows otherwise. The Faculty reserves the right to withdraw any elective if it be not chosen by a sufficient number of students to constitute a class. Elementary courses taken as electives in the upper years of college may not count for the same number of credits as when taken earlier.

## DEPARTMENTS AND METHODS OF INSTRUCTION.

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### PHILOSOPHY.

PROFESSOR MARSH, PRINCIPAL BATES.

PROFESSOR MARSH.

I. LOGIC. Jevons' Logic as recast by Hill is the text-book used in this course. Frequent exercises in the application of the principles of the science are assigned to the class. Special stress is laid upon the practical work done as the surest means of furnishing aid to the student in learning to think. *Four credits during the Fall term.*

PRINCIPAL BATES.

II. PSYCHOLOGY. The principles of this subject are taught by means of text-book and informal lectures. Text-book, James. Essays are required upon appointed themes, and a course of selected reading is marked out and required. *Three credits during the Fall and Winter terms.*

III. EVIDENCES OF CHRISTIANITY. This subject is taught by text-book, due consideration being paid to the current phases of thought. Wright: *Logic of Christian Evidences*. *Four credits during the Winter term.*

IV. ETHICS. In this course the text-book is supplemented by class discussions on the practical application of the principles established to the conduct of life. Fairchild: *Moral Science*. *Five credits during the Spring term.*

V. INTRODUCTION TO PHILOSOPHY. This course is designed to introduce the student to the history, methods and problems of philosophy. Lectures and recitations. Text-book, Weber's: *History of Philosophy*. *Five credits during the Fall term.*

## HISTORY AND POLITICAL SCIENCE.

PROFESSOR ROBERTSON.

## HISTORY.

I. MEDIAEVAL HISTORY. Text-book, informal lectures, collateral reading and reports. Must be preceded by at least two years' study of History. *Three credits during the Fall term.*

II. MODERN HISTORY. Text-book, informal lectures and collateral reading and reports. Must be preceded by at least two years' study of History. *Three credits during the Winter and Spring Terms.*

III. ENGLISH HISTORY. Text-book, informal lectures, collateral reading and reports. *Three credits during the year*

IV. POLITICAL HISTORY OF THE UNITED STATES. Text-book, informal lectures, collateral reading and reports. Study of the period from formation of Union through the reconstruction. *Two credits during the year.*

V. EUROPE SINCE 1814. Text-book, informal lectures, collateral reading and reports. Special emphasis on movements of Social Reform Economic Changes, and Constitutional Questions.

VI. RESEARCH COURSE. Study of subjects connected with history of United States, particularly the Northwest, with reference to historical method and original research. *Two credits during the year.*

## POLITICAL SCIENCE.

I. SOCIOLOGY. Text-book, informal lectures, collateral reading and reports. Study of the theory of society on basis of Gidding's Analysis; use of statistics, study of a few of the social problems, and local social conditions. *Two credits during the year.*

II. ECONOMICS. Text-book, informal lectures, collateral reading and reports. Study of the principles and some of the leading problems. *Three credits for two terms.*

III. PUBLIC FINANCE. Text-book, informal lectures, collateral reading and reports. Study of principles and practice of leading countries in expenditure and revenue. *Three credits for one term.*

IV. CIVICS. Text-book, informal lectures, collateral reading and reports. Study of the national governments of leading countries; of municipal government from standpoint of administration. *Two credits during the year.*

V. INTERNATIONAL LAW. Text-book, informal lectures collateral reading and reports. Study of leading principles and their development. Application to recent questions.

### LATIN AND GREEK.

PROFESSOR MARSH.

I. LIVY. Book I. Besides the history of the period special attention is here paid to Roman antiquities. *Five credits during the Fall term.*

II. TACITUS. Germania and Agricola. *Five credits during the Winter term.*

III. HORACE. Selected Odes and Satires, Ars Poetica. Particular attention is paid to the style of Horace; and selections from other Latin poets are read for the sake of comparison. A few metrical translations are also required. *Five credits during the Spring term.*

IV. CICERO. Selections from De Oratore or De Officiis. *Three credits for Winter term.*

V. QUINTILIAN. Selections from De Institutione Oratoria are read, which present some of the leading principles of Rhetoric. *Three credits for the Winter term.*

VI. TERENCE. *Andria*. *Three credits for the Spring term.*

VII. CICERO. Elective. *De Amicitia, De Senectute.* *Four credits.*

I. HERODOTUS. Selections from Goodwin's Greek Reader. In connection with this course there is given a thorough grammatical review. *Five credits during the Spring term.*

II. HOMER. Two or more books of the *Iliad*. *Five credits during the Fall term.*

III. THUCYDIDES. Selections. *Five credits during the Winter Term.*

IV. SOPHOCLES. *Antigone* or *Electra*. The study of the Greek drama is taken up by lectures and collateral readings. *Five credits during the Spring term.*

V. PLATO. *Apology* and *Crito*. *Four credits during the Fall term.*

VI. PLATO. Elective. A farther study of Plato's writings, and of Greek Philosophy than is possible in the required course is undertaken in this course. *Three credits during the Winter term.*

VII. DEMOSTHENES. *De Corona*. *Three credits during the Spring term.*

GREEK AND LATIN TESTAMENTS. Those in the Classical and Greek Philosophical Groups use the Greek text and those in other Groups use the Latin. In alternate years selections will be read from the Gospel or Acts, and from the Epistles. *One credit through the Freshman and Sophomore years.*



## MODERN LANGUAGES.

PROFESSOR BACH.

The aim of this department is to give the students an opportunity for as comprehensive a study of German, French and Spanish, as they may desire for any educational or practical purposes.

## GERMAN.

I. ELEMENTARY COURSE. Grammar with oral and written exercises. After the first five or six weeks the reading of simple texts is added. Text-book, Joynes Meissner's German Grammar. *Five credits throughout the year.*

II. INTERMEDIATE COURSE. Advanced grammar with corresponding composition and oral exercises. Reading of intermediate texts in prose and verse. *Four credits throughout the year.*

III. ADVANCED COURSE. This course comprises a study of selections from classic authors as well as from representative historians and scientists. *Three credits throughout the year.*

## FRENCH.

I. ELEMENTARY COURSE. Grammar with exercises oral and written. The reading of connected texts is begun as early as possible. Text-book: Fraser and Squair's French Grammar. *Five credits throughout the year.*

II. INTERMEDIATE COURSE. Advanced grammar with corresponding written and oral exercises. Reading of standard authors. *Four credits throughout the year.*

III. ADVANCED COURSE. Study of classic authors in prose and verse. Historical and scientific selections. Conversational exercises. *Three credits throughout the year.*

## SPANISH.

I. ELEMENTARY COURSE. Grammar with oral and written exercises supplemented from the outset by the reading of easy texts. *Three credits throughout the year.*

II. ADVANCED COURSE. Advanced grammar with exercises. Composition. Reading of standard authors. Conversation. *Three credits throughout the year.*

## ENGLISH LANGUAGE AND LITERATURE.

## PROFESSOR FARNHAM.

A. LANGUAGE. Rhetoric is a prerequisite of all work in English Composition. Students who are conditioned in that subject can take the course required in the fourth year of the Academy. The aim of this department is to acquire the art of clear and forceful expression of thoughts related to the affairs of life, to cultivate a style that is sincere and natural, and to gain an appreciation of the best writers. Practice in composition is an important element in several of the courses in Literature, and in addition to the work of this department opportunities for practical application are offered under the Department of Public Speaking.

I. DAILY THEMES. This course presupposes a knowledge of the principles of Rhetoric. Daily themes on the basis of the paragraph; occasional long themes; lectures; criticism of themes in class; and individual conferences. The subjects during the Fall term are connected with daily affairs; in the Winter with lines of study or personal investigation; in the Spring short editorials on matters of the day. It is the aim to adapt this course to the demands of daily life and to the special needs of journalistic work. *Two credits throughout the year.*

Barrett Wendell: *English Composition.*

II. LITERARY CRITICISM. This course gives an opportunity for study of the best English prose by analysis and extensive reading; frequent exercises in composition cultivate expression in literary form. *Two credits Winter and Spring terms.*

B. LITERATURE. The different courses in Literature aim not only to give the student a general acquaintance with works of the best writers in relation to the life and thought of their time, but also to develop an appreciation of good reading and to cultivate a literary style. To acquire independence of thought and ease of expression frequent reports, both oral and written, are presented. In addition to the courses described other electives will be offered as the requirements of the Literature Group may demand.

I. HISTORY OF ENGLISH LITERATURE. In this course emphasis is laid upon the great creative periods of English Literature by means of lectures, collateral readings and reports. A prerequisite of all other courses; required in all Groups. *Two credits throughout the year.*

The text-book recommended is W. E. Simonds: *A Student's History of English Literature.*

II. AMERICAN LITERATURE. After a brief preliminary study of early American writers the representative writers of the nineteenth century are studied in detail. The course is conducted by means of lectures, readings from the authors, and written reports. *Five credits for Spring term.*

III. GREAT MASTERS OF ENGLISH POETRY. The object of this course is to give an acquaintance with the life and work of three of the great English poets, their relation to literary history, and also to trace the development of the English language. Although the study is more complete when taken as a sequence, students at the discretion of the instructor may elect this course for one or two terms. *Two credits throughout the year.*

- (a) Chaucer. Fall term.
- (b) Spenser. Winter term.
- (c) Milton. Spring term.

Globe edition of each poet. Not to be given in 1904-1905.

IV. THE ENGLISH DRAMA. This course consists of a preliminary study of the early drama, a critical study of representative plays of Shakespeare, and when time permits one or two plays illustrative of the later drama. The selection of plays is changed from year to year that students who wish to continue the study of Shakespeare may do so with advantage. *Three credits throughout the year.*

V. NINETEENTH CENTURY AUTHORS. The aim of this course is to obtain a conception of the intellectual and imaginative development of each author by a study of his work in relation to his environment and time. Lectures and collateral readings with weekly reports. Each student during the term is expected to make a critical study of an author embodying the results in a paper to be presented before the class. *Two credits throughout the year.*

- (a) The Poets of the Romantic Revolt. Fall term.
- (b) The Poets of the Victorian Era. Winter term.
- (c) The Poets of Our Own Time. Spring term.

VI. GENERAL LITERATURE. This course consists of a study of Oriental and European Literatures through English translations. Representative works are studied in relation to the age and country in which each selection was produced. Among the works studied are the Book of Job, The Odyssey, The Divina Commedia, and Faust, closing with a short study of Celtic Literature. *Three credits throughout the year.*

VII. THE ENGLISH NOVEL. This course is designed to give a brief outline of the art of fiction, and more es-

pecially to enable the student to discriminate the best works of English and American story writers. The number of credits varies with the amount of time the special demands of the course require.

Reference book: Bliss Perry. *A Study of Prose Fiction*.

VIII. AESTHETICS. That students may have an opportunity to become familiar with the nature of the Beautiful, its different forms of expression and their correlation through Literature, a course in Aesthetics is offered with special reference to the Fine Arts and their interpretation. Lectures, readings, and study of representative forms by the aid of photographs and prints. The Library of the University contains a constantly increasing number of books which are helpful in this course. *Three credits throughout the year.*

### PUBLIC SPEAKING.

MR. WOODS.

The work in this department is intended to cover all phases of public speaking. The work is elective to all college students. Juniors are required to take work equivalent to two credits throughout the year, and Seniors are required to write orations which they deliver at Commencement.

FORENSICS. In the Fall term one hour a week is given to practice in formal debating, pertinent questions of the day being assigned for discussion. Each member of the class is required to hand in a carefully prepared brief and bibliography on each question, and then to give an ex tempore debate on the same. Special emphasis is laid on rebuttal work, and in the use of material, all emphasizing the main point at issue. Criticisms are offered by the Instructor at the close of the recitation. In the Winter term one hour a week is given to practice in



prepared team debates on vital questions, emphasis being laid on the team work. For theory of debating, students are referred to Alden: *The Art of Debate*; McEwan: *The Essentials of Argumentation*; and Baker: *The Principles of Argumentation*

VOCAL EXPRESSION AND DELIVERY. This course consists in special training in delivery for each speaker. Masterpieces of oratory are memorized and delivered in class, also original speeches and orations by the students themselves. Each student speaks before the class every week. The aim is to secure clearness of utterance and correctness of interpretation combined with vigor and ease of manner. Students referred to Clark & Blanchard's *Practical Public Speaking*, and Cumnock's *Choice Readings*. *One credit during the year.*

THEORY OF THE ORATION. This course deals with the theory of oratorical composition in general and of the college oration in particular. Lectures and discussions of the principles of the oration are supplemented with analytical study of masterpieces of oratory. Each member of the class is required to write an oration under the supervision of the instructor and to report progress on the same once a week. Conferences on these orations will be held with each student separately by special appointment. Elective to college students. *One credit during the Spring term.*

## PURE AND APPLIED MATHEMATICS.

PRESIDENT FERRIN.

I. HIGHER ALGEBRA. Beginning with a rapid review of Quadratics, the work in this subject is carried as far as the capacity of the class will permit. *Five credits during the Fall term.*



II. TRIGONOMETRY, PLANE AND SPHERICAL. Due attention is paid in this course to the practical applications of Trigonometry in Plane Surveying, Navigation and Astronomy. *Five credits during the Winter term.*

III. ENGINEERING. This course consists largely of field work and is designed to teach the practical use of the various engineering instruments. Practice is had in measuring and computing farm areas with the compass and chain; in the use of the Level instrument in determining the contour lines of some of the streets of the town; in the use of the Engineers Transit in laying out railroad curves, etc. Attention is given also to the plotting of areas and lines. *Five credits during the Spring term.*

IV. ANALYTICAL GEOMETRY. *Five credits during the first half year.*

V. CALCULUS. The infinitesimal method is used in the treatment of this subject. *Five credits per week during the last half of the Winter term and five credits during the Spring term.*

VI. MECHANICS. Carhart: *Physics. Five credits per week during the Fall term.*

VII. PHYSICS. This course consists of a mathematical treatment of the different branches of Physics, the work being supplemented by lectures and the use of illustrative apparatus. Carhart: *Physics. Five credits during the Winter term.*

VIII. ASTRONOMY. Special attention is given to establishing the mathematical principles of the science and to teaching the methods of computation in most general use in practical Astronomy. Olmsted: *Revised College Astronomy. Five credits during the Spring term.*

## CHEMISTRY AND GEOLOGY.

PROFESSOR BRADLEY.

I. GENERAL CHEMISTRY. An introductory course in which the principles of the science are studied and its practical application emphasized. The work consists of two lectures and four laboratory hours per week throughout the year. *Three credits per term.* The text-book used is Dennis & Clarke's.

II. QUALITATIVE ANALYSIS. This course consists of a systematic study of the principal metals and acids and methods of detecting them in simple and complex mixtures. During the course students are required to make practical analyses of ores, mineral waters, etc. Quizzes and lectures on the metals and theory of solutions supplement the laboratory work. Two lectures and four laboratory hours during the first half of the year. *Three credits per term.*

III. QUANTITATIVE ANALYSIS. The estimation of the metals in their salts and ores by Gravimetric and Volumetric methods. Complete analyses of inorganic compounds that have been prepared in the laboratory. Six hours laboratory work per week during the second half of the year. *Three credits per term.*

Courses I, II, III are prerequisite for any of the following:

IV. ORGANIC CHEMISTRY. The preparation of organic compounds in the laboratory. Lectures on the compounds of Carbon and their synthetic relations. *Three to ten credits.*

V. INORGANIC PREPARATIONS. The preparation of pure inorganic salts for laboratory stock, from commercial products, ores, etc. *Three to ten credits.*

VI. ASSAYING. Fire assays of gold, silver and lead. Volumetric determination of copper and lead. *Five to ten credits.*

VII. ADVANCED ANALYTICAL CHEMISTRY. A continuation of Course III. Special work in the analysis of waters, minerals and industrial products. *Five to ten credits.*

VIII. ORGANIC ANALYSIS. The analysis of foods, agricultural products, etc. Determination of carbon, hydrogen and nitrogen by combustion. *Five to ten credits.* Follows Course IV.

IX. PHYSIOLOGICAL CHEMISTRY. Qualitative examination of digestive juices and animal secretions. Urine analysis. *Five credits.*

#### GEOLOGY.

I. GEOLOGY. The work in Geology consists of a thorough study of Leconte's Elements as a basis. In connection with this, important fossil types and methods for determining the common minerals are studied in the laboratory. Field trips are taken and special attention is given to geological reports on Pacific Coast and Northwest areas. *Five credits.*

#### BIOLOGY.

##### PROFESSOR COGHILL.

I. ZOOLOGY. A comparative study of representative types of the Invertebrata. One recitation and four hours' laboratory work. Textbook, Thompson's *Outlines of Zoology*. *Three credits for first term.*

II. ZOOLOGY AND PHYSIOLOGY. A comparative study of the Vertebrata, with considerable attention given to the principles of physiology of the group. One hour recitation and four hours' laboratory work. Textbook,

Thompson's *Outlines of Zoology*. *Three credits for second term.*

III. BOTANY AND THEORETICAL BIOLOGY. A study of the structure and taxonomy of spermatophytes supplemented with an historical and critical consideration of some of the more prominent biological theories. One lecture and four hours' laboratory work. Textbook, Coulter's *Plant Structure*. *Three credits for third term.*

IV. THE VERTEBRATE SKELETON. A laboratory course upon the comparative anatomy of the skeleton of vertebrates. Prerequisite, I and II or equivalent. Six hours' attendance. *Three credits for first term.*

V and VI. COMPARATIVE ANATOMY OF VERTEBRATES. A laboratory course in the dissection of vertebrates, with required reading in Wiedersheim & Parker's "*Comparative Anatomy of Vertebrates*." Prerequisite, IV. Six hours' attendance. *Three credits for second and third terms.*

VII. HISTOLOGY. Practice in fixing, sectioning, staining and mounting tissues for microscopical study, with lectures on cytology. Prerequisite, I and II or equivalent. Six hours' attendance. *Three credits for first term.*

VIII and IX. HISTOLOGY AND PHYSIOLOGY. The technique of VII continued, with lectures on secretion, digestion, nutrition, absorption, circulation and respiration, with special reference to the histology of the organs. Prerequisite, VII. Six hours' attendance. *Three credits for second and third terms.*

X, XI and XII. EMBRYOLOGY. A study of the germ cell, its maturation and fertilization; the cleavage of the egg and the development of the various organs in the vertebrate embryo, with observations on the embryos of the frog and chick. Prerequisite, I and II or equivalent. Six hours' attendance. *Three credits for first, second and third terms.*

XIII. NEUROLOGY. The nervous system of fishes and Amphibia. Lectures and laboratory work on the structure of the neurone, the histogenesis of the nervous system and the topography of the central and peripheral systems. Prerequisite, I and II or equivalent. Six hours' attendance. *Three credits for first term.*

XIV. NEUROLOGY. The nervous system of mammals. Lectures and laboratory work on the peripheral nerves and the topography and histology of the brain and spinal cord. Prerequisite, I and II or equivalent. Six hours' attendance. *Three credits for second term.*

XV. NEUROLOGY. The structure and physiology of the sense organs, with special reference to those of man, and the arrangement of the better known central neurone systems. Prerequisite, I and II or equivalent. Six hours' attendance. *Three credits for third term.*

XVI. BACTERIOLOGY. Laboratory practice in preparing and sterilizing media, and in the isolation and study of pure cultures of bacteria. Only students who have had considerable practice in the laboratory technique of both chemistry and biology will be admitted to this course.

Time and credits may be arranged by consultation with the instructor.

XVII. BIOLOGICAL RESEARCH. Students who have had sufficient training in biological work are permitted to pursue a definite line of research. Suitable credits will be given upon presentation of a thesis embodying results of this work.

NOTE.—Courses IV, V, VI, and VII, VIII, IX, will not be offered during the same year. The preference of students for either series will be considered in determining which series will be given.



## THE ACADEMY.

The Academy is under the immediate charge of the Principal and his Assistants. The college Faculty has general direction regarding the course of study and discipline.

### PREPARATION FOR COLLEGE.

The Academy provides thorough preparation for the different groups of studies offered in the College, and at the same time offers special opportunities for those desiring thorough training in the common English branches. All the facilities of the University in the way of libraries, lectures, etc., will be open to such students, and it is believed that these privileges will be of peculiar value to those preparing to teach.

### REQUIREMENTS FOR ADMISSION.

To enter either Academic course proper, the student must be able to pass a satisfactory examination in the Sub-preparatory studies. For admission to advanced standing, the student must give satisfactory evidence, by examination or approved certificate, that he has completed the work passed over by the class to be entered, or its equivalent. It is desired and advised that students begin their studies at the opening of the Fall term, and enter one of the regular courses.

### SUB-PREPARATORY STUDIES.

When there is a sufficient demand for them, classes in the following studies are formed for students not yet fitted for the regular Academy courses :

Written Arithmetic, Mental Arithmetic, Grammar, Geography, Reading, Physiology, Book-Keeping, United States History.



## REPORTS.

A record of the work of each student is kept, and at the close of each term a report is sent to the parent or guardian.

## ACCREDITED SCHOOLS.

Hood River Grammar School, Hillsboro Grammar School, Joseph Grammar School, Union Grammar School, Goldendale Grammar School, North Yamhill Grammar School and High School, Park Place Grammar School, Forest Grove Grammar School and Mitchell Grammar School.

Schools which desire to have their pupils thus admitted are requested to send to the Principal of the Academy their courses of study. All certificates should, if possible, be sent before Commencement.

## EXAMINATIONS.

Examinations are held in each subject at the end of each term, and no student who fails to pass in more than one study is allowed to maintain his position in the class, unless such work is made up in one term.

## STUDY HOURS.

In order to insure the time necessary for the preparation of lessons and to encourage methodical habits, an observance of the following study hours is required:

Study Hours, except on Saturday and Sunday, are from 8:45 a. m. to 12 m. and from 1 to 4 p. m.

## CERTIFICATE.

Students who complete the work of the Academic courses receive a certificate admitting them to corresponding courses in college.

For information concerning expenses and regulations, see pages 17-21.

## OUTLINE OF COURSES.

GROUP I.				GROUP II.			
First Year,	F	W	S	First Year,	F	W	S
Latin,	5	5	5	Latin,	5	5	5
English,	5	5	5	English,	5	5	5
History,	5	5		History,	5	5	
Arithmetic Review,			5	Arithmetic Review,			5
Bible,	1	1	1	Bible,	1	1	1
Second Year,	F	W	S	Second Year,	F	W	S
Latin,	5	5	5	Latin,	5	5	5
Algebra.	5	5	5	Algebra,	5	5	5
English,	3	3	3	English,	3	3	3
History,	4	4	4	History,	4	4	4
Bible,	1	1	1	Bible,	1	1	1
Third Year,	F	W	S	Third Year,	F	W	S
Latin,	5	5	5	Latin, French or			
Greek,	5	5	5	German,	5	5	5
Geometry,	5	5	5	English,	5	5	
Rhetoricals	1	1	1	Astronomy,			5
Bible,	1	1	1	Geometry,	5	5	5
				Rhetoricals	1	1	1
				Bible,	1	1	1
Fourth Year,	F	W	S	Fourth Year,	F	W	S
Latin,	4	4	4	Latin, or English, or			
Greek,	5	5	5	History,	4	4	
Physics,	5	5		German or French,	5	5	5
Botany,			5	Physics,	5	5	
Rhetoric,	3	3		Botany,			5
Algebra Review,			2	Rhetoric,	3	3	
Rhetoricals,			1	Latin or Algebra Re-			
Bible,	1	1	1	view,			5
				Rhetoricals,			1
				Bible,	1	1	1

Notes—1. Spelling will be required when necessary.

—2. Chemistry, 3 credits, and English, 2 credits, may by special permission be substituted for Physics and Botany in Group II.

—3. Group I leads to all Groups in the College and Group II leads to last four.

In order that the work of the Academy may be seen more in detail, the following statement is added to the outline given above:

**LATIN AND GREEK.** The first year's work in Latin and Greek includes a thorough mastery of the forms and simpler constructions. The remaining time is devoted to reading *Fabulæ Faciles*, four books of Caesar, six orations of Cicero, three books of Vergil's *Aeneid* and four books of Xenophon's *Anabasis*, accompanied by more advanced work in Grammar and Prose Composition. During the last two terms of the course, special attention is given to Greek and Roman Literature.

Text-books: Collar & Daniell: *First Year Latin*; Allen & Greenough: *Latin Grammar*; Kelsey: *Caesar and Cicero*; any good edition of Vergil; Allen & Greenough: *Ovid*; Goodwin: *Greek Grammar*; White: *First Greek Book*; Botta: *Handbook of Universal Literature*; Bullfinch: *Age of Fable*; Bennet: *Latin Prose Composition*.

**MODERN LANGUAGES.** French is optional with German in Group II. in third and fourth years. For further information, see p. —.

**MATHEMATICS.** Three terms in the second year are given to the study of Algebra. The work of the first term is to fractions; of the second to involution; and of the third to theory of quadratics. A review is given in Spring term of fourth year.

Plane and Solid Geometry extend through the third year. Considerable work is done in original propositions and problems, the amount depending somewhat upon the capability of the class.

Text-books: Wells: *Academic Algebra*; Wentworth: *Plane and Solid Geometry*.

**ENGLISH.** The purpose of the work in English, which covers the four years of the Academy course, is to train the student in full accurate expressions of

thought; to make him able to understand the thought of others; and to kindle within him a taste for good literature and wholesome reading. The classics studied and read are selected in accordance with the regular college entrance requirements.

First Year: (1) Review of Grammar and Punctuation. (2) Composition; no restraint except grammatical form. (3) Uses of Dictionary and Reference Books. (4) Fiction Reading. (5) Rhetoricals. (6) Classics; Longfellow's *Evangeline*, Franklin's *Autobiography*, Irving's *Tales of a Traveler*, with portions of the *Sketch Book*. *Five credits throughout the year.*

Text-book: Lockwood and Emerson: *Composition and Rhetoric*.

Second Year: (1) Composition, Rhetoric, Text-book. (2) Bi-weekly Themes. (3) Fiction. (4) Rhetoricals. (5) Mythology (Gayley). (6) Classics; Eliot's *Silas Marner*; Coleridge's *Rhyme of the Ancient Mariner*; Lowell's *Vision of Sir Launfal*; Shakespeare's *Merchant of Venice*. *Three credits throughout the year.*

Third Year: (1) Rhetoricals. (2) Fiction. (3) Poetry and Classics; Syles' *Milton to Tennyson*; Shakespeare's *Julius Caesar* and *Macbeth*; Macaulay's *Addison and Milton*. Required in Group II. *Five credits during the Fall and Winter terms.*

Fourth Year: (1) Principles of Rhetoric. (2) Formal Essays. (3) Rhetoricals. (4) During the Spring term each student is required to prepare for appearance on "Academy Day" in Commencement week. *Three credits during the Fall and Winter terms and one credit during the Spring term.*

Text-books: Clark's *Practical Rhetoric*; Buck's *Argumentative Writing*.

**RHETORICAL WORK.** This course covers the four years of Academy study and is required of every student. It consists in memorizing selected passages of Orations, etc., and in delivering them before the class. Formal essays are required each month and the student makes the corrections after they have been pointed out by the Instructor. Members of the Fourth Year class are required to deliver declamations before the Academy. *One credit throughout the year.*

**FICTION READING.** This work is required during the first three years of the Academy course, and is carried on in connection with the regular class work. Each class has a list of fifty standard books from which each student chooses one to be read each term. A written report extended and complete is required on each book read.

**PHYSIOLOGY.** Elementary course. One term in sub-preparatory year. *Five credits.*

**PHYSICS.** A practical laboratory course, illustrating the elementary principles. Fall and Winter terms of fourth year. Text-book: Henderson & Woodhull. Fee, \$2.00. *Five credits.*

**ASTRONOMY.** Elementary course. Spring term of third year.

Text-book: *Todd's New Astronomy.* *Five credits.*

**BOTANY.** Elementary course. Spring term of fourth year. Recitations, two hours. Laboratory, six hours.

Text-book: Bergen: *Elements of Botany.* Laboratory fee, 50 cents. *Five credits.*

**HISTORY.** Greek and Roman History are taught during the Fall and Winter terms of the first year. General European History from the fall of the Roman Empire during the second year.

Text-book: Myers: *Ancient History*; Robinson: *History of Western Europe.*

COMMON ENGLISH BRANCHES. During the Sub-preparatory year, thorough training is given in the common English branches, including Arithmetic, Mental Arithmetic, English Grammar, Descriptive Geography, Reading, Spelling, United States History.

BOOKKEEPING is taught as a special study. It is given to meet the wants of pupils who need this study, and at the same time wish a more thorough general education than can be secured at a business college.

Text-book: Williams & Rogers: *Office Routine and Bookkeeping*.

SHORTHAND AND TYPEWRITING. While we do not conduct regular commercial department, yet the Shorthand, Typewriting and Bookkeeping offered, together with such special studies as Grammar, Arithmetic, Spelling and Penmanship, provide a practical business course. Students who wish to make business training their chief aim may thus serve their purpose and at the same time enjoy the privileges and benefits of attendance at the University. Those who wish the business branches may also elect studies in the College or Academy courses; and one or more of the business subjects may be taken, upon payment of the special fee, by those pursuing a regular course.

The tuition for either stenography or typewriting is \$5.00 per term. If both are taken together the tuition is \$7.50 per term, including use of the machine.

BIBLE STUDY. The English Bible occupies a regular place in the curriculum of study, and one exercise a week is required of all students. The work of the Sub-preparatory and first year begins with the study of Genesis and extends through the First Book of Samuel.



Second year begins with the First Book of Kings and extends through Nehemiah, with portions of the Prophets.

Third year, the Life of Christ, as contained in the Four Gospels, with supplementary topics.

Fourth year, the Founding of the Christian Church and the Life of Paul, as contained in the Acts of the Apostles and the Epistles.

## CONSERVATORY OF MUSIC.

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PROFESSOR CHAPMAN, DIRECTOR.

The Conservatory of Music, as one of the departments of the University, is under the same general management as the other departments and under the special direction of Professor F. T. Chapman, who, with assistant teachers, offers courses in Vocal, Piano, Organ, and Violin; also courses in Harmony, Theory, History of Music, Ensemble and Choral Work.

The courses are designed for both those studying professionally and for those who study music as a part of the culture to be derived from a college or academic education.

The faculty comprises teachers who are specialists in their several departments and who have had exceptional advantages of study.

The aim of the Conservatory is to give the best and most comprehensive instruction with the smallest possible expense to the student.

**FREE PRIVILEGES.** All the recitals by the pupils, the ensemble work, where the pupil is sufficiently prepared, and the choral work are free to pupils, a mere nominal fee attaching to the latter. Several notable works have been given during the past year by the Choral Union.

**ARTISTS' COURSE.** No less important than lessons is the hearing of great artists. The Director expects to present a course of recitals and lectures by foreign and home artists, which will be educational and comprehensive.

ADVANTAGES. Students have access to the library of the University, which is fully adequate, musically, for research and study. Students receive, free, the benefit of appearing on recital programmes several times a year, when sufficiently advanced.

The Director will hear the pupils of the first assistant teacher in the presence of the teacher at least once each term. He will hear the pupils of the second assistant teacher several times each term. No superficial work will be tolerated in teacher or pupils, and the best artistic results possible will be required by the Director in all departments.

The Conservatory has been strengthened by new and enlarged quarters and by the addition of new instruments for concert and studio use, including a magnificent concert grand piano and two other pianos.

DIPLOMAS. Diplomas are awarded by the Trustees of the University to students who have satisfactorily completed the course in piano, violin and voice.

Candidates for graduation must have completed a course of academic study equivalent to that of Tualatin Academy.

Students in the College Department may secure a liberal credit for work in music in the Literature Group No. 2. See page 27.

## TUITION AND OTHER EXPENSES.

	Fall 13 Wks	Winter 11 Wks	Spring 12 Wks
Lessons with Director of the Department. — Private lessons, Piano, Violin and Voice—			
Two per week (one-half hour each) ..	\$25.00	\$21.00	\$23.00
One per week (one-half hour each) ..	13.00	11.00	12.00
Lessons with the First Assistants.— Private lessons, Piano, Organ and Voice—			
Two per week (one-half hour each) ..	16.00	14.00	15.00
One per week (one-half hour each) ..	8.50	7.50	8.00
Lessons with the Second Assistant.— Private lessons, Piano and Organ and Voice—			
Two per week (one-half hour each) ..	12.00	10.00	11.50
One per week (one-half hour each) ..	6.50	5.50	6.00
Harmony (per term in class) .....	5.00	5.00	5.00
History of Music (in class) .....	3.00	3.00	3.00
Rent of Piano, per month (1 hour per day) ....	\$0.50 to	\$0.50 to	\$0.75
Rent of Piano, per month (2 hours per day) ....	1.00 to	1.00 to	1.25
Rent of Piano, per month (3 hours per day) ....	1.50 to	1.50 to	1.75

Pupils may make special arrangements with the Instructor for hours of piano practice.

Although not compulsory, it is advisable that pupils in all departments take two lessons per week.

No lessons missed by the pupils can be made up.

No pupils are received for less than an entire term, or such portion of it as remains after entrance.

Tuition for the term must be paid in advance, and no deduction will be made for absences unless by special arrangement.

## COURSES OF STUDY.

## THE PIANO-FORTE.

## PREPARATORY.

Kohler's Method.

Arpeggios, Scales, Selected Czerny Studies, Heller's Etudes, Kuhner Etudes, Bach, Sonatinas by Clementi, Kuhlau, Sonatas by Haydn, Mozart. Easy pieces.

## ACADEMIC.

Etudes, Czerny; Heller op. 46 and 47, Cramer, Studies; School of Octave Playing, C. H. Doring; Kuhner Etudes; Octave Studies, Low; Studies, Taussig; Sonatas, Beethoven; Concert Works, Mendelssohn, Schumann; Well-tempered Clavichord, Bach; Concert Works, Chopin, Grieg, Rubinstein, St. Saens, MacDowell, etc.

## COLLEGIATE.

Op. 10 and 25, Chopin; Octave Studies, Czerny; Studies in Double Thirds, Taussig; Gradus Ad Parnassum, Clementi; 24. Studies, Moscheles; Concertos and Concert Works, Chopin, Schumann, Beethoven, Liszt, Rubinstein, St. Saens, Schutt, Grieg, etc.

## VIOLIN.

## PREPARATORY.

David or Hermann's Violin method.

Daily Exercises, Schradieck; Etudes, Kayzer, Mazas. Easy pieces by Dancla, J. Weiss, Papini, Hauser, etc.

## ACADEMIC.

David's Method, second part.

Etudes, Kreutzer; Daily Exercises, Schradieck; Studies in Thirds, Sixths, Octaves; Etudes; Fiorillo; Concertos in Concert Pieces by DeBeriot, Kreutzer, Rode, Alard, Vieuxtemps, Wieniawski, etc.

## COLLEGIATE.

Caprices, Rode; Studies, Paganini; Sonatas, Concertos and Concert Pieces by Paganini, Mendelssohn, Beethoven, Bach, Spohr, Bazzini, Wieniawski, Sarasate, etc.

## VOICE CULTURE.

In this department special attention is given to a natural and skillful management of the breath, and the correct position of the vocal organs in the production of clear, full, resonant tones.

Flexibility and the art of phrasing are developed through the practice of scale and arpeggio passages and solfeggi. A refined musical taste is developed by the study of the best songs, ancient and modern; Ballads, Thoroughly Composed German Songs and selections from Oratorio and Opera.

## FIRST YEAR.

Voice development, Principles of breathing.

Voice placing, sight singing (if necessary).

Exercises by Abt, Sieber, English songs.

First year of Piano-forte course (a) (b).

## SECOND YEAR.

Vocalises by Vaccai, Marchesi, Concone, Italian pronunciation, Italian and English songs.

Harmony: Three terms, Chorus Class.

## THIRD YEAR.

Advanced vocalises.

Italian, English, French and German songs.

Concert, Oratorio, and Opera Arias.



## THEORY OF MUSIC.

The work may be outlined as follows:

NOTATION. The Theory of Rhythm and Tonality, Principles of simple chord construction.

HARMONY. Richter's Principles of Four-Part Composition; modulations and harmonic accompaniments to selected and original melodies.

COUNTERPOINT. Exercises in adding one, two, three or four voices in simple counterpoint to an original cantus firmus.

## HISTORY.

It is the aim in this course to study the outlines of musical progress from the time of the most ancient civilization to the present.

A course of supplementary reading in connection with this study is arranged for music students, and programmes illustrating the different periods and styles of musical composition are given by the teachers.

## ART DEPARTMENT.

MISS BAIN.

The aim of this department is not only to teach its pupils to draw and paint; but to appreciate Art, to see beauty in nature, and to know why a good picture is a good picture. The laws that govern all work in Art must be mastered before the student is ready even to think of making a picture, and as rapidly as the student advances more finished work is required of him. All work is from the model, or from life, both indoors and outdoors, and comprises a course in charcoal and colors. Those mediums which ought to be used by a finished artist are discouraged. For a student in college only two lessons of one hour each, or one three-hour lesson a week is recommended.

## TUITION.

	Fall, 13 wks.	Winter, 11 wks.	Spring, 12 wks.
Two lessons per week, (1 hour each) . .	\$8.50	\$7.50	\$8.00
Tuition for the term must be paid in advance.			

## COLLEGE STUDENTS.

1904 and 1905.

## SENIORS.

Hall, William Arthur	Clatskanie
Markham, Melvin Wilson	Forest Grove
Peters, Richard Frank	Hillsboro
Peters, Lottie Sara	Hillsboro
Philbrook, John Watson	Sylvan, Wn.
Shively, William Benton	Oregon City
Thomas, Horace Estes	Forest Grove
Waters, Ethel Ada	Forest Grove

## JUNIORS.

Bump, Daniel Deronda	Forest Grove
Fletcher, Chester Kimes	Forest Grove
Ferrin, Livia Ella	Forest Grove
Irvin, Clara Ida	Aurora
Prideaux, Arthur John	Portland
Rasmusen, William Beatty	Forest Grove
Sorensen, Frances Thora	Forest Grove
Wirtz, Willard Hermann	Forest Grove

## SOPHOMORES.

Boldrick, Sarah Pamela	Forest Grove
Chandler, Wilma Pearl	Forest Grove
Fitch, Caroline Estelle	Forest Grove
Huston, Ella Blanche	Hillsboro
Hyde, Lillian Ella	Forest Grove
Irvin, Lilla Lydia	Aurora
Peters, John William	Hillsboro
Philbrook, Joshua Minot	Sylvan, Wn.
Sewell, Alice Eleanor	Hillsboro
Sparks, Hugh Walter	Forest Grove

## FRESHMEN.

Aller, Dwight Irwin	Forest Grove
Arnston, Herbert Hayes	Forest Grove
Clapp, Frances Benton	Forest Grove
Clapp, Gordon Adams	Forest Grove
Silverman, Esther	Skamokawa, Wn.

## SPECIAL.

Heidel, Minnie Esther	Hillsboro
Meresse, Frank	Forest Grove
Moseley, Ethel Belle	Vancouver, Wn.
Peterson, Rolland Ulysses	Forest Grove
Pitman, Emma	Forest Grove
White, Jean Millicent	Oregon City

## ACADEMY STUDENTS.

1904-1905.

## FOURTH YEAR.

Abernethy, Frances Mary	Forest Grove
Baldwin, Roy Alvin	Forest Grove
Barrett, William Nathan	Hillsboro
Bollinger, Charles Frederick	Oregon City
Brock, Laura Sophia	Stella, Wash.
Brown, Caroline Mae	Scappoose
Chandler, Helen Willena	Forest Grove
Connell, Mary Grace	Hillsboro
Davis, Harry Fisher	Portland
Gwynn, William Elisha	Hubbard
Hartley, Gladys	Hood River
Humphreys, Harry Pembroke	Hillsboro
Huston, Oliver Bruce	Hillsboro
Hyde, Ruby Nell	Forest Grove
Imlay, Robert Alexander	Reedville
James, Otis Oran	Laidlaw
Lancefield, Georgia Chastain	Amity
Lawrence, Samuel B.	Scholls
Mason, Claude	Boise, Idaho
Merryman, Harold Comely	Hillsboro
Peterson, Pearl Ethel	Forest Grove
Ward, James Richard	Catlin, Wash.
Whealdon, Clarence L.	Plainview
Wilson, Hiram Edwin	Portland
Witham, Herman Ernest	Boise, Idaho

## THIRD YEAR.

Allen, Alton Covell	Beaverton
Baker, Coral March	Greenville
Brobst, Ellen	Wilsonville
Brown, Gordon George	Forest Grove

Emmel, Mary Elizabeth	Scholls
Emmel, Nora Christina	Scholls
Ferrin, Haskell Ela	Forest Grove
Fitch, Ruth Helen	Cornelius
Hartley, Martha May	Banks
Hawley, Lepha Marie	Amity
Hilts, Jonathan Urban	Greenville
Hoge, Jessie Mary	Forest Grove
Holmes, Martha Fredrika	Hillsboro
James, Cornelia Elizabeth	Laidlaw
Kirkwood, Albert Allen	Forest Grove
Milne, Cleo Charles	Forest Grove
Philbrook, George Warren	Sylvan, Wn.
Robinson, Ernest Humphreys	Hillsboro
Robinson, Reginald	Hillsboro
Robinson, Alexander	Hillsboro
Templeton, Maverne	Forest Grove

## SECOND YEAR.

Abernethy, Camilla Dix	Forest Grove
Abernethy, Mizpah Ione	Forest Grove
Baldwin, Loyd	Forest Grove
Belknap, Lorena Constance	Forest Grove
Brown, David Coulter	Scappoose
Christian, Dessie	Forest Grove.
Connell, Letitia Estelle	Hillsboro
Dimick, Ralph Chester	Hubbard
Elder, Lillie Belle	Wasco
Greear, Pearl	Hillsboro
Hollinger, Maud	Forest Grove
Holmes, Thorgny	Hillsboro
Jensen, Willis Earl	Forest Grove
Kirkwood, Bertha Mary	Forest Grove
Knight, Fred Stuart	Forest Grove
Lathrop, Elsie Katherine	Palmer
Lieser, Leah Emma	Vancouver, Wn.
Lueder, Christian Frederick	Hillsboro



Morley, Edna Mary	Forest Grove
Oakerman, Helen Marie	Reedville
Stoddard, Florence Merrill	Hubbard
Tilbury, Gilbert Lawson	McMinnville
Tilbury, Lloyd Ernest	McMinnville
Weatherred, John Robert	Hillsboro
Wilson, Christine Elizabeth	Ranier
Williams, Ray Terrie	Forest Grove
Wing, Evelyn Mary	Forest Grove
Woodward, Daisy Virginia	Wardner, Idaho

## FIRST YEAR.

Bibee, Jessie Meryl	Oregon City
Bollinger, Helen Emma	Oregon City
Boyd, Leon Gilbert	Eufala, Wash
Brown, Winifred Claire	Forest Grove
Brobst, Elizabeth	Wilsonville
Chalmers, Elizabeth Catherine	Cornelius
Curtis, Carl Colvin	Forest Grove
Dixon, Charles Elial	Forest Grove
Fletcher, Eva	Forest Grove
Huston, Samuel Carl	Hillsboro
Jackson, Anna Frances	Hood River
Johnson, Annie	Forest Grove
Knight, Maud Frances	Forest Grove
Kreider, Hettie Magdalene	Forest Grove
Luce, Helen	Forest Grove
Luce, Frank Charles	John Day
Markee, Archie Sherman	Forest Grove
Mears, Samuel Maxwell	Portland
Murphy, Loretta Belle	Forest Grove
Newman, George Thomas	Gaston
O'Donnell, Maisie Frances	Buxton
Purdy, Emma Augusta	Gaston
Reeher, Amy Anna	Wilson
Reeher, Benjamin Harrison	Wilson
Reils, Frederick Charles	Forest Grove

Robison, Marie  
Rulifson, Harland Glen  
Taylor, Donald John

Eight Mile  
Carrolton, Wn.  
Forest Grove

## SPECIAL.

Yunker, Henry  
Adams, Darrell Goodrich  
Ames, Dagmar  
Brown, Clifford  
Califf, William Culmer  
Chalmers, Francis James  
Church, Gale Wilson  
Delano, Miriam  
Garrison, Paul Ellison  
Gates, Harvey Waldo  
Herrmann, Max Benno  
Hoffmann, Reba Frances  
Hoyt, Arah Beatrice  
Ireland, Lester Clay  
Jackson, Lulu Maie  
Jackson, Una Zoe  
Loomis, Floyd Marshall  
McElligott, Edmund Samuel  
Morgan, Dayse  
Moore, Jesse C.  
Neil, George E.  
Pennell, Charles Leonard  
Purdin, Charles Wesley  
Shannon, Mary Katherine  
Shannon, Henry McGee  
Spagle, Frank John  
Sparks, Leslie Clay  
Traver, Walter Ernest  
Venen, Raymond Almon  
Venen, Clo Myrtle  
Westen, Wilbur Harry  
White, Norman  
White, Walter Henry

Gaston  
Centerville  
Portland  
Forest Grove  
Oregon City  
Cornelius  
Forest Grove  
Mt. Tabor  
Forest Grove  
Chehallis, Wn.  
Forest Grove  
Forest Grove  
Hillsboro  
Greenville  
Forest Grove  
Forest Grove  
Forest Grove  
Ione  
Forest Grove  
Greenville  
Forest Grove  
Salem  
Hillsboro  
Forest Grove  
Forest Grove  
Needy  
Vancouver, Wn.  
Forest Grove  
Forest Grove  
Forest Grove  
Forest Grove  
Oregon City  
Forest Grove

## STUDENTS IN CONSERVATORY OF MUSIC.

Abernethy, Daisy S. F.	Forest Grove
Abernethy, Frances Mary	Forest Grove
Arnston, Herbert Hayes	Forest Grove
Bailey, Mary	Forest Grove
Baldwin, Loyd	Forest Grove
Bear, Grace Alberta	Forest Grove
Beeks, Cora	Goldendale, Wash.
Boldrick, Sarah Pamela	Forest Grove
Boldrick, Helen	Forest Grove
Bollinger, Helen Emma	Oregon City
Brobst, Ellen	Wilsonville
Brobst, Elizabeth	Wilsonville
Brock, Laura Sophia	Stella, Wash.
Buxton, Maude	Forest Grove
Cadwell, Irene	Forest Grove
Clapp, Frances Benton	Forest Grove
Clapp, Gordon Adams	Forest Grove
Clapp, Edson Dwinell	Forest Grove
Delano, Miriam	Mt. Tabor
Dooly, Elizabeth Augusta	Forest Grove
Dooly, Lucile	Forest Grove
Elder, Lillie Belle	Wasco
Ferrin, Haskell Ela	Forest Grove
Fitch, Caroline Estelle	Cornelius
Fletcher, Mrs. W. T.	Forest Grove
Frost, Mollie	Forest Grove
Hartley, Gladys	Hood River
Haynes, Claire	Forest Grove
Herrmann, Max Benno	Forest Grove
Hicks, Edna	Forest Grove
Hoffman, Reba Frances	Forest Grove
Hoge, Jessie Mary	Forest Grove
Hyde, Lillian Ella	Forest Grove
Hyde, Ruby Nell	Forest Grove
Jackson, Anna Frances	Hood River
Jackson, Lulu Maie	Forest Grove

Johnson, Annie	Forest Grove
Johnson, Bertie Cordelia	Forest Grove
Johnson, Belle	Forest Grove
Kreider, Hettie Magdalene	Forest Grove
Lancefield, Georgia Chastain	Amity
Leabo, Bertha Alice	Forest Grove
Lieser, Leah Emma	Vancouver, Wash.
Luce, Helen	Forest Grove
McEldowney, Mrs. W. T.	Forest Grove
Marsh, Gertrude Emily	Forest Grove
Morgan, Dayse	Forest Grove
Moseley, Ethel Belle	Vancouver, Wash.
Newman, Mary	Gaston
Peterson, Pearl Ethel	Forest Grove
Purdy, Nelly	Gaston
Robison, Marie	Eight Mile
Scott, Elsie	Forest Grove
Sewell, Alice Eleanor	Hillsboro
Shannon, Maude Agnes	Forest Grove
Shannon, Mary Katherine	Forest Grove
Shaw, Inez	Forest Grove
Shaw, George	Forest Grove
Silverman, Esther	Skamokawa, Wash.
Sloane, Mrs. Matie	Forest Grove
Smith, Bessie May	North Yamhill
Sorensen, Anna	Portland
Sorensen, Frances Thora	Forest Grove
Stewart, Edna	Forest Grove
Stoddard, Florence Merrill	Hubbard
Swanson, Lizzie	Forest Grove
Venen, Bessie May	Forest Grove
Via, Stella	Forest Grove
Waggener, Wilma	Hillsboro
Wagner, Leila	Forest Grove
Waters, Ethel Ada	Forest Grove
Wells, Mrs. Laura B.	Forest Grove
Williams, Ray Terrie	Forest Grove
Wilson, Christine Elizabeth	Ranier

Wilson, Hiram Edwin	Portland
Witham, Herman Ernest	Boise, Idaho
Wood, Grace Christine	Forest Grove
Woodward, Daisy Virginia	Wardner, Idaho

### ART STUDENTS.

Delano, Miriam	Mt. Tabor
Huston, Ella Blanche	Hillsboro
Pitman, Emma	Forest Grove
Purdy, Emma Augusta	Gaston
Sewell, Alice Eleanor	Hillsboro
Stewart, Bessie	Forest Grove
Wilson, Christine Elizabeth	Ranier

### SUMMARY OF STUDENTS.

College .....	37
Academy .....	135
Conservatory of Music.....	78
Art Students .....	7
Total .....	257
Deduct number counted more than once.....	42
Total number of different students for the Academic year 1904-1905 .....	215

## OFFICERS OF THE ASSOCIATE ALUMNI.

### PRESIDENT.

Charles E. Bradley, 1897.....Forest Grove

### VICE-PRESIDENT.

Mary Bailey, 1903.....Forest Grove

### SECRETARY AND TREASURER.

J. Wheelock Marsh, 1886.....Portland

## ALUMNI.

1863

Harvey W. Scott, A. M., Editor-in-  
Chief Oregonian Portland

1866

Geo. H. Durham, A. M., Attorney-at-  
Law Portland  
Myron Eells, A. B., D. D. Congrega-  
tional Clergyman Union, Wn.  
Edward B. Watson, A. M., Attorney-at-  
Law Portland

1867

John Q. A. Bowlby, A. M., Attorney-at-  
Law Astoria  
J. Elkanah Walker, A. M., D. D., Mis-  
sionary, A. B. C. F. M. Foochow, China  
David Raffety, B. S., M. D., Physician Portland

1868

Charles C. Hall, A. M., Farmer Portland  
Thomas H. Tongue, A. M., obit. 1903 Hillsboro



## 1869

Jacob Hoover, A. M., obit. 1898	Spokane, Wn.
Raleigh Stott, A. M., obit. 1901	Portland
Harriet (Hoover) Killin, M. S.	Portland

## 1870

Frank L. Stott, A. B., obit. 1873	Gaston
Addison A. Lindsley, A. B., Business	Portland
Georgiana (Brown) Bowlby, M. S.	Astoria
Phoebe Irene (Clark) Davis, M. S.	Cleone
Candace A. (Neal) Luce, M. S.	Forest Grove

## 1872

Henry B. Luce, A. B., Miner	Forest Grove
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## 1873

Levi C. Walker, A. M., Surveyor	Forest Grove
William R. Bilyeu, B. S., Attorney-at-Law	Albany
W. D. Lyman, A. M., Professor of History and of the English Language and Literature, Whitman College	Walla Walla, Wn.
Mary (Goodell) Burt, M. S.	Yoncalla
Sarah I. Lyman, M. S.	Portland

## 1874

Eugene P. McCornack, A. B., Banker	Salem
Herbert F. McCornack, A. B., M. D., Postmaster	Eugene
Willard H. Latourette, B. S., Baptist Clergyman	McMinnville
Jacob G. Stevenson, B. S., Farmer	Eugene
Dora (Henshaw) Morgan, M. S.	Mohler, Wn.

## 1875

Hattie (Martin) Vestal, B. S.	Snohomish, Wn.
S. Belle (Putnam) Walker, M. S.	Forest Grove

## 1876

Edward M. Atkinson, A. B., Attorney-at-Law	Oregon City
Hatstara Tamura, A. M., Principal Female Seminary	Kioto, Japan
James T. Martin, B. S., (M. D., University Michigan, 1883), Physician	Sacramento, Cal.
Yei Nosea, A. M., obit. 1895	Tokio, Japan
Kin Saito, B. S., (LL. B., University Michigan, 1871), Chief Justice of the Court of Hokkaido	Hakodate, Japan
Ella (Watt) Jackson, M. S.	Portland

## 1877

William K. Curtis, B. S., Farmer	Forest Grove
Charles W. Schaff, B. S., M. D.	Lewiston, Idaho
Tabitha A. (Clark) Ebert, M. S.	Vancouver, Wn.

## 1878

Laura M. (Hoxter) Whalley, A. B.	Portland
DeWitt Clinton Latourette, A. M., Attorney-at-Law and Banker	Oregon City
Horace S. Lyman, A. M., obit. 1905	Astoria
Ella (Scott) Latourette, A. M.	Oregon City
Milton W. Smith, A. M., Attorney-at-Law	Portland
Mary A. (Cresswell) Eagen, M. S.	Freewater, Ore.
Mary S. Eaton, M. S., obit. 1882	Oswego
Elvia H. Fearnside, M. S., obit. 1879	Forest Grove
Mary F. (Lyman) McCoy, M. S.	Portland
Samuel R. Stott, B. S., Attorney-at-Law	Baker City

## 1879

William N. Barrett, B. S., Attorney-at-Law	Hillsboro
Frank M. Beckwith, B. S., Merchant	Mayview, Wn.

## 1880

Newton McCoy, A. B., Attorney-at-Law Portland

## 1881

George W. Coplen, A. B., obit. 1898	Latah, Wn.
John T. Whalley, A. M., Attorney-at-Law	Portland
J. Alfred Watt, B. S., (M. D. Univ. of Michigan) Physician	Hood River

## 1882

Mitchell Gilliam, A. B., Attorney-at-Law, Circuit Judge	Seattle, Wn.
Barnett Y. Roe, A. B., Postmaster	Dewey
Mary Virginia Keene, M. S., Teacher	Albert

## 1883

Napoleon Davis, A. M., Attorney-at-Law	Cleone
Adelaide (Poppleton) Harding, A. B.	Portland
Anna Jackson, M. S., Teacher	Portland

## 1884

Joseph Beek, A. B.	Medford
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## 1885

Marion C. Adams, A. B., Teacher	Stites, Idaho
Margaret J. (Macrum) Byrd, M. S.	Salem
Silas M. Shipley, B. S. (LL. B., University Oregon, 1888), Attorney-at-Law	Seattle, Wn.

## 1886

James R. Marsh, A. B., Farmer	Molalla
J. Wheelock Marsh, A. B., Bookkeeper	Portland
Laura (Marsh) Cadwell, M. S., obit. 1901	Forest Grove

1887

William D. Wood, A. B., (M. D., University Michigan, 1890), Physician	Hillsboro
Callie (Campbell) Montgomery, M. S.	Glendale
Mary Gray, M. S., obit. 1890	Portland
Ethel Gray, M. S., M. D. (University of Oregon, 1899)	Portland
Nellie (Woods) Adams, M. S.	Forest Grove
J. C. Clark, B. S., Photographer	Berkeley, Cal.

1888

Estella S. Porter, A. B., obit. 1889	Forest Grove
Fred N. Hallett, B. S., Merchant	Lewiston, Idaho
Frank Hinman, B. S.	Forest Grove
William P. Marsh, B. S. (A. B., U. Vt., 1895), with Mason & Hamlin	Cambridgeport, Mass
John U. Smith, B. S. (LL. B., University Oregon, 1890), Attorney-at-Law	Hilo, Hawaii

1889

Mattie E. (Koontz) Smith, B. S.	Hilo, Hawaii
Sidney E. Marsh, A. B., obit. 1890	Port Townsend, Wn.
Clay McNamee, B. S., Attorney-at-Law	Grangeville, Idaho

1890

William S. Macrum, A. B. (LL. B., Univ. of Oregon, 1897), Bank Teller	Portland
Gustaf Walter Nelson, A. B., Congregational Clergyman	Albany
Mary Ellen Lee, M. S., Teacher	Bellingham, Wn.
Alexander C. Alexander, B. S., Farmer	Forest Grove
Lafayette Lincoln Bush, B. S., Merchant	Bay Center, Wn.

## 1891

William A. Bates, B. S., Bookkeeper	Corvallis
Margaret Hinman, B. L., Bookkeeper	Forest Grove
John S. Hodgins, B. S., Attorney-at-Law	Enterprise
John A. Lee, A. B., Law Student.	Washington, D. C.
Mary E. (Patton) Snider, A. B.	Cloverdale, Cal.
Asa B. Snider, A. B., Pacific Theological Seminary, Congregational Clergy- man	Cloverdale, Cal.

## 1892

William A. Bond, B. S.	Chehalis, Wn.
Jesse R. Caples, B. S., Merchant	Portland
Ernest E. Merges, B. L., Attorney-at- Law	Portland
Edward L. Naylor, B. L., Real Estate	Forest Grove
Pem Patton, B. S., Farmer	Gaston

## 1893

E. Austin Bond, A. B., Teacher	Chehalis, Wn.
Nancy B. (Morrison) Thomas, B. L.	Shelburne
Horace D. Stewart, A. B., Business	Dayville
Loring V. Stewart, A. B., LL. B. and M. L. (Yale), Business	Dayville
Dwight H. Thomas, B. S., Farmer	Shelburne
Edith L. (Tongue) Reames, B. L.	Jacksonville

## 1894

Thomas Hayes Adams, A. M., Merchant	Forest Grove
Austin Craig, B. L., Teacher	Lubang, P. I.
Fred Ross Smith, A. B., Merchant	Sheridan, Wyo.

## 1895

Florence McKercher, A. B., obit, 1898	Portland
William S. Shiach, A. B., Attorney-at- Law	Colfax, Wn.

## 1896

Ruel M. Bisbee, B. S., Farmer	Forest Grove
Ida M. Eells, A. B., Teacher	Tacoma, Wn.
M. Catherine (Lansing) Robertson, A. B.	Forest Grove
John W. Macrum, B. S., Civil Engineer	Spokane, Wn.
Emma E. (Stewart) Bradley, A. B.	Forest Grove

## 1897

Philip E. Bauer, B. S., Chicago Theo. Seminary, Congregational Clergyman	Akron, O.
Charles E. Bradley, M. S., Professor Chemistry in T. A. and P. U.	Forest Grove
Harvey H. Hartley, A. M. (M. D., Univ. of Oregon, 1900), Physician	Goldendale, Wn.

## 1898

Homer C. Atwell, A. B., Postmaster	Forest Grove
Lorena Gleason, B. L., Teacher	Goldendale, Wn.
Joseph E. Kirkwood, A. B., Ph. D. Co- lumbia University, Assistant Pro- fessor in Botany, Syracuse Univer- sity	Syracuse, N. Y.
Frederick L. Marsh, A. B., D. M. D., N. P. Dental College, Dentist	Portland
John Miller, A. M., Missionary, A. B. C. F. M.	Madura, India

## 1899

Liberta Brown, A. B., (A. M. Columbia University), Teacher	Snohomish, Wn.
Blanche L. (Garrison) Bauer, B. L.	Akron, O.
George L. Haskell, B. S., Business	Ambridge, Pa.
Minnie May (Lieser) Fletcher, A. B.	Forest Grove
Lois West (Parker) Myers, A. B.	Portland
Horace M. Ramsey, A. B., Episcopal Clergyman	Portland
Beulah Warner, A. B., Student	Berkeley, Cal.
Tacy (Wilkinson) Atkinson, B. L., Mis- sionary, A. B. C. F. M.	Turkey



## 1900

Vinson Evan Boardman, B. L., Student	Chicago
William Thomas Fletcher, B. S., Fellow, Columbia	N. Y. City
Lynn Lancefield, B. L., Business	McMinnville
Jessie Lancefield, A. B., Teacher	Amity.
Winifred Marsh, B. L., (B. L. Smith)	Forest Grove
Ella Sabena Mason, B. L., Teacher	Portland
Alfred Deihl Schoch, B. S., (Ph. D. Cor- nell University) Student	Bonnetterre, Mo.
James Wesley Shiach, A. B.	Seattle, Wn.
Thomas H. Tongue, Jr., B. L., (L.L. B., Columbian Univ.) Attorney-at-Law	Hillsboro
Jeremiah Walker, B. L., Business	Axford, Wn.

## 1901

Archibald Anand Atkinson, A. B., (M. D. Cooper Medical College)	San Francisco, Cal.
Lora Fern (Butler) Conn, B. L.	Lakeview
Rose Jane Long, B. L., Teacher	Port Orford
Gertrude Emily Marsh, B. L.	Forest Grove
Alfred Myron North, B. S., Student	Chicago
Fern Frances Stout, A. B., Teacher	McMinnville
Mildred Mary Tibbals, A. B., (A. M., Wellesley College)	Salt Lake City
Elda Rema Walker, A. M., Fellow State University	Lincoln, Neb.
Leva Belle Walker, A. B., Teacher	Everett, Wash.

## 1902

Walter A. Dimick, B. S., Attorney-at- Law	Oregon City
Richard Walter Faulkner, B. S., Business	Portland
Vesta Muzella Lewis, A. B., Teacher	Vancouver, Wn.
Abel Meresse, B. S., Business	Los Angeles, Cal.
Harold Burr Millis, B. S., Civil Service	Manila, P. I.
Harriet Eva Scholfield, B. L.	Cornelius
Arthur Elias Yoder, B. S., Teacher	San Jose, Panay, P. I.

## 1903

Mary Bailey, B. L.	Forest Grove
Fred Day, A. B., Business	Portland
Victor E. Emmel, M. S., Graduate Student Brown University	Providence, R. I.
William G. Hale, B. S., Law Student	Cambridge, Mass.
William G. Hare, B. L., Law Student	Ann Arbor, Mich.
Frederick E. Vrooman, B. S., Business	Portland

## 1904

Mabel E. Hoge, B. L., Librarian	Portland
Thomas Robinson, A. B., Theolog. Student Princeton University	Princeton, N. J.
Harriet J. Yoder, B. L.	Oakland, Cal.

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